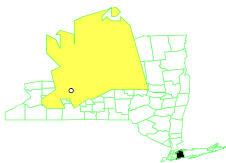


FULTON AVENUE NEW YORK

EPA ID# NYD0000110247



EPA REGION 2
CONGRESSIONAL DIST. 04
Nassau County
Garden City Park on Long Island

Site Description

The Fulton Avenue Site located at 150 Fulton Avenue is the former location of a cutting mill and dry cleaning facility. The property is about 0.8 acre and houses a 20,000 square foot building. There have been numerous previous owners and/or occupants of the building, some of which utilized a dry cleaning process in their production line.

Data suggest that a groundwater plume of volatile organic compounds (VOCs), composed chiefly of the dry cleaning solvent tetrachlorethene (PCE), is emanating from the site's dry well and is migrating both horizontally and vertically. Numerous public supply wells may have been or may currently be impacted by this plume.

Site Responsibility: This site is being addressed through Federal, State and Potentially Responsible Party (PRP) actions.

NPL LISTING HISTORY

Proposed Date: 9/25/97

Final Date: 3/6/98

Threats and Contaminants



VOCs, especially PCE, were detected in both on-site and off-site groundwater monitoring wells and have impacted at least one public supply well and possibly others in the area. These wells have either been taken out of service or had treatment installed in order for the well water to meet drinking water standards. Operating wells which may have been impacted by the Site's plume are routinely monitored to ensure compliance with State and Federal drinking water standards. Subsurface soils are also contaminated with VOCs.



Cleanup Approach

This site will be addressed in two stages: an Interim Remedial Measure (IRM) focusing on cleanup of the on-site soils and nearby groundwater; and a long-term investigation of downgradient groundwater and source area soils.

Response Action Status



Previous Actions: A Focused Remedial Investigation (RI) was prepared to document the source of on-site groundwater contamination and to initiate the IRM described above.

Removal Actions: An Interim Remedial Measure (IRM) had operated at the site from October 1998 until November 2001. As part of this action, contaminated sediments and soils have been removed from the base of the dry well and an Air Sparging/Soil Vapor Extraction (AS/SVE) system had operated until soil gas and indoor air contaminant readings met applicable New York State air requirements. This IRM was conducted by the PRP.



Downgradient Groundwater: The draft Remedial Investigation (RI) has been completed and was submitted to EPA and NYSDEC in September 2002. It was determined that further work would be necessary to determine the downgradient extent of site-related contamination. The monitoring wells will be installed in January 2004. The results of this investigation and a Feasibility Study to evaluate and recommend alternatives to mitigate this contamination will be submitted by Spring 2004. The investigation has determined that other plumes of groundwater contamination are commingling with the Site plume.

Cleanup Progress



The AS/SVE system (IRM) has met its cleanup goals and has been dismantled. Soil gas and indoor air samples have shown the system to have been fully effective. Over 10,000 pounds (approximately 465 gallons) of PCE was removed by the system. A sub-slab venting system will be installed during January 2004 to assure protectiveness at the Site.

Nassau County Department of Health and the Garden City Water District (GCWD) presently are managing the Site contamination which is migrating into the GCWD wells. The Remedial Investigation/ Feasibility Study continues and a decision regarding the remediation of the Site-related groundwater plume should be made by Summer 2004.

